SEQUENCE LISTING <110> FISHER, SUSAN GENBACEV, OLGA FOULK, RUSSELL CLAUSER, KARL BURLINGAME, ALMA <120> ALTERED PROTEIN EXPRESSION IN HYPOXIC TROPHOBLASTS 407T-894610US <130> <140> US09/101,283 <141> 1998-01-18 <150> PCT/US96/05441 1996-04-18 <151> <150> US08/423,409 <151> 1995-04-18 <160> <170> PatentIn version 3.0 <210> 1 <211> 11 PRT <212> <213> Homo sapiens <400> 1 Leu Phe Asp His Ala Met Leu Gln Ala His Arg <210> 14<211> <212> PRT<213> Homo sapiens <400> 2 Ile Ser Leu Leu Leu Ile Glu Ser Trp Leu Glu Pro Val Arg <210> 9 <211> <212> PRT <213> Homo sapiens <400> 3 Asn Tyr Gly Leu Leu Tyr Cys Phe Arg <210> <211> 11 PRT <212> <213> Homo sapiens

Leu Phe Asp His Ala Met Leu Gln Ala His Arg

5

<400> 4

-1-

```
<210> 5
<211> 14
<212> PRT
<213> Homo sapiens
<400> 5
Ile Ser Leu Leu Leu Ile Glu Ser Trp Leu Glu Pro Val Arg
                 5
<210> 6
       19
<211>
<212> PRT
<213> Homo sapiens
<400> 6
Ala His Gln Leu Ala Ile Asp Thr Tyr Gln Glu Phe Glu Glu Thr Tyr
Ile Pro Lys
<210> 7
<211> 9
<212> PRT
<213> Homo sapiens
<400> 7
Trp His Glu Glu Val Glu Ile Tyr Arg
<210> 8
<211> 17
<212> PRT
<213> Homo sapiens
<400> 8
Val Leu Gln Gly Val Leu Pro Ala Leu Pro Gln Val Val Cys Asn Tyr
Arg
<210> 9
      11
PRT
<211>
<212>
<213> Homo sapiens
<400> 9
Phe Glu Leu Thr Ala Ile Pro Pro Ala Pro Arg
<210> 10
<211>
       11
      PRT
<212>
<213> Homo sapiens
<400> 10
```

```
Asn Ser Leu Glu Ser Tyr Ala Phe Asn Met Lys
<210>
       11
<211>
       18
<212>
       PRT
<213>
       Homo sapiens
<400> 11
Asp Asn His Leu Leu Gly Thr Phe Asp Leu Thr Gly Ile Pro Pro Ala
Pro Arg
<210> 12
<211>
       16
<212> PRT
<213> Homo sapiens
<400> 12
Leu Tyr Ile Asp Glu Thr Val Asn Asp Asn Ile Pro Leu Asn Leu Arg
<210> 13
<211> 8
<211>
<212>
      PRT
<213> Homo sapiens
<400> 13
Ile Arg Pro Phe Phe Pro Gln Gln
                5
<210> 14
<211>
      12
<212>
      PRT
<213> Homo sapiens
<400> 14
Arg His Pro Glu Tyr Ala Val Ser Val Leu Leu Arg
<210>
     15
<211>
       13
<212>
       PRT
<213> Homo sapiens
<400> 15
Leu Gly Glu Tyr Gly Phe Gln Asn Ala Leu Ile Val Arg
<210>
      16
<211>
       13
<212>
      PRT
<213>
      Homo sapiens
<400> 16
Asp Ala Phe Leu Gly Ser Phe Leu Tyr Glu Tyr Ser Arg
```

```
10
<210> 17
      15
<211>
      PRT
<212>
<213>
      Homo sapiens
<400> 17
Lys Val Pro Gln Val Ser Thr Pro Thr Leu Val Glu Val Ser Arg
                                    10
      18
<210>
<211>
      16
      PRT
<212>
<213>
      Homo sapiens
<400>
Arg Pro Cys Phe Ser Ala Leu Thr Pro Asp Glu Thr Tyr Val Pro Lys
                5
                                    10
<210>
       19
<211>
       11
<212>
      PRT
      Homo sapiens
<213>
<400> 19
Phe Glu Leu Thr Ala Ile Pro Pro Ala Pro Arg
<210>
      20
<211>
      18
<212>
      PRT
      Homo sapiens
<213>
<400> 20
Asp Asn His Leu Leu Gly Thr Phe Asp Leu Thr Gly Ile Pro Pro Ala
Pro Arg
<210> 21
<211> 16
      PRT
<212>
<213> Homo sapiens
<400> 21
Leu Tyr Ile Asp Glu Thr Val Asn Asp Asn Ile Pro Leu Asn Leu Arg
                                     10
<210> 22
<211>
       8
      PRT
<212>
<213> Homo sapiens
<400> 22
Ile Arg Pro Phe Phe Pro Gln Gln
                5
```